

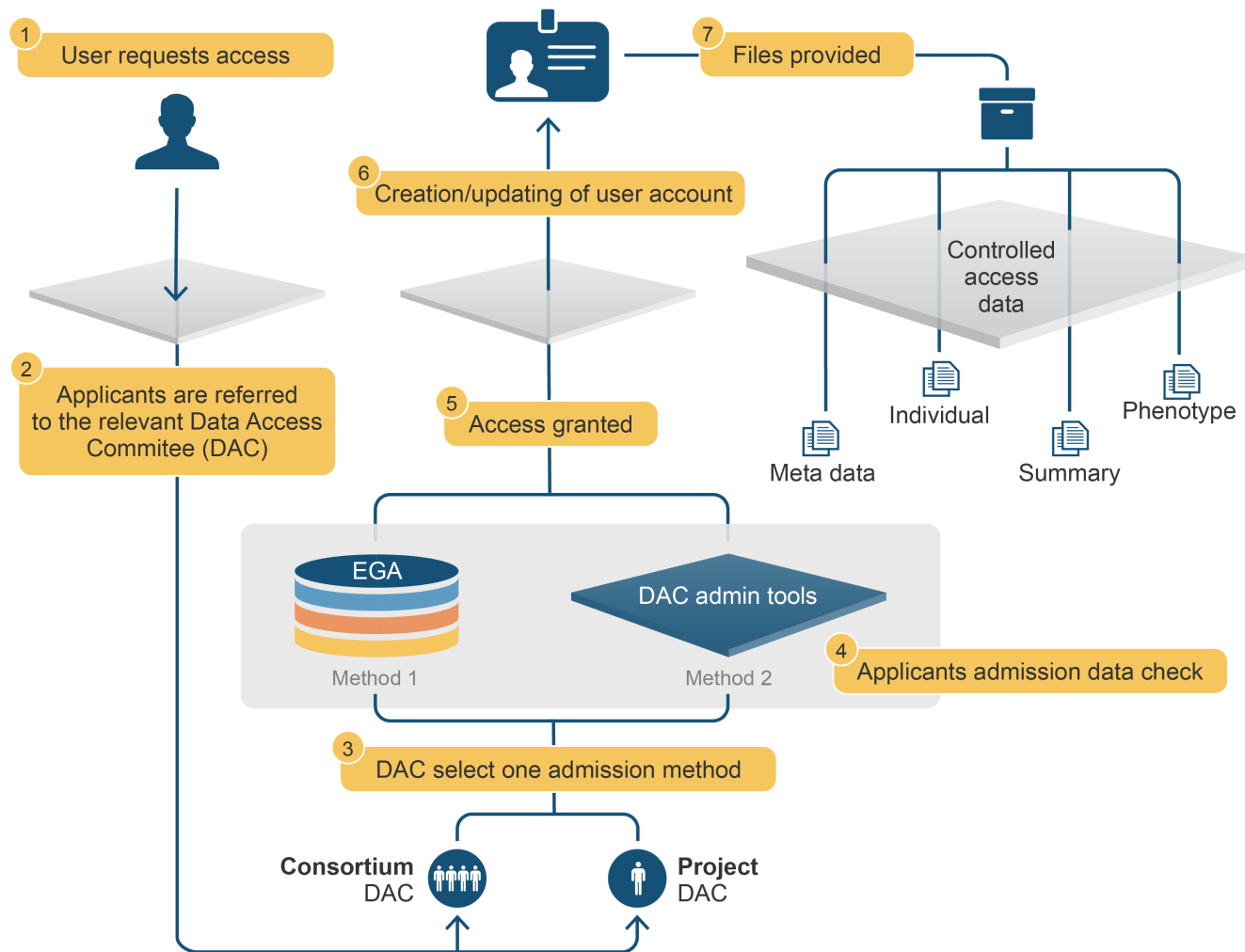


Consent Codes at EGA

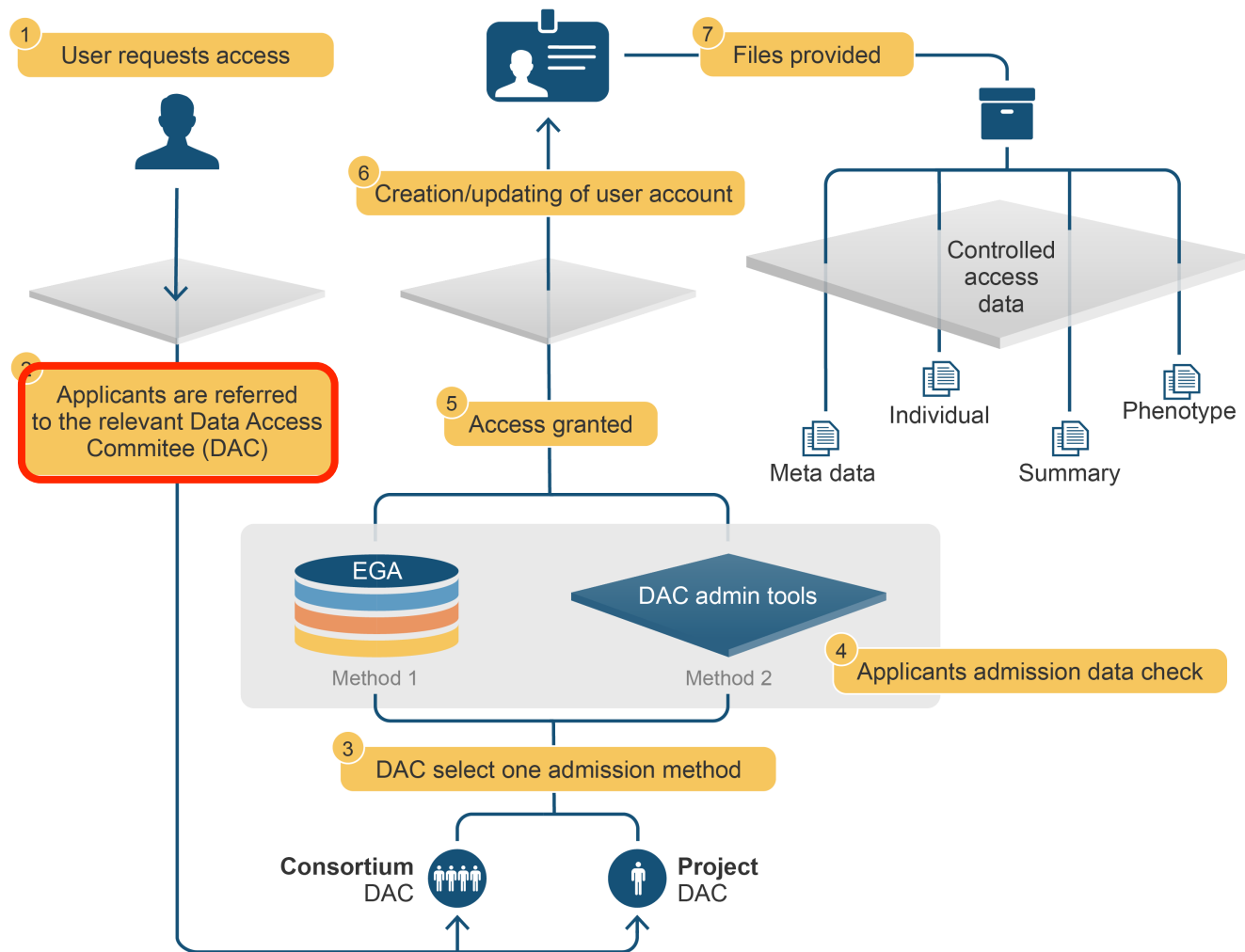
Dylan Spalding



Data Access at EGA



Data Access at EGA

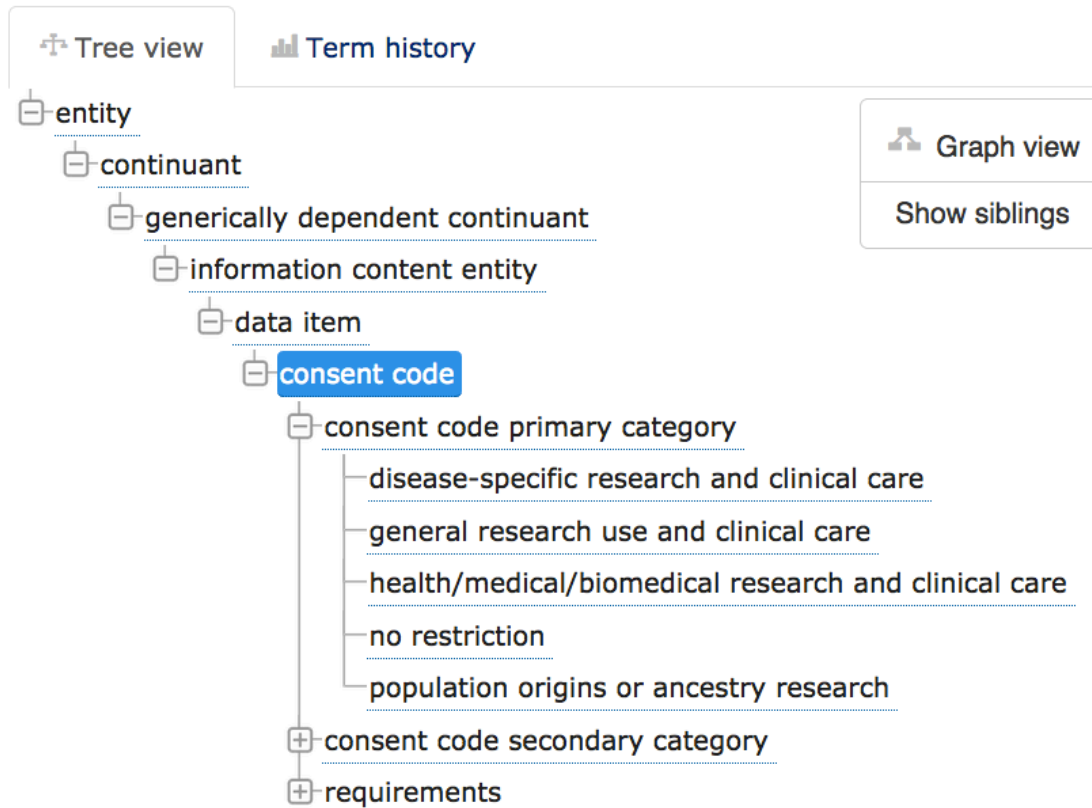


Consent Codes

- Groups datasets together in terms of consent agreements
 - Researchers can search by access requirements
 - Clarifies the access requirements
- Automate dataset application / access
- Consent requirements machine readable
 - Mapping to an ontology

Mapping Consent Codes

http://purl.obolibrary.org/obo/DUO_0000001 



Term info

definition

A data item that is used to indicate consent permissions for datasets and/or materials, and relates to the purposes for which datasets and/or material might be removed, stored or used.

id

DUO:0000001

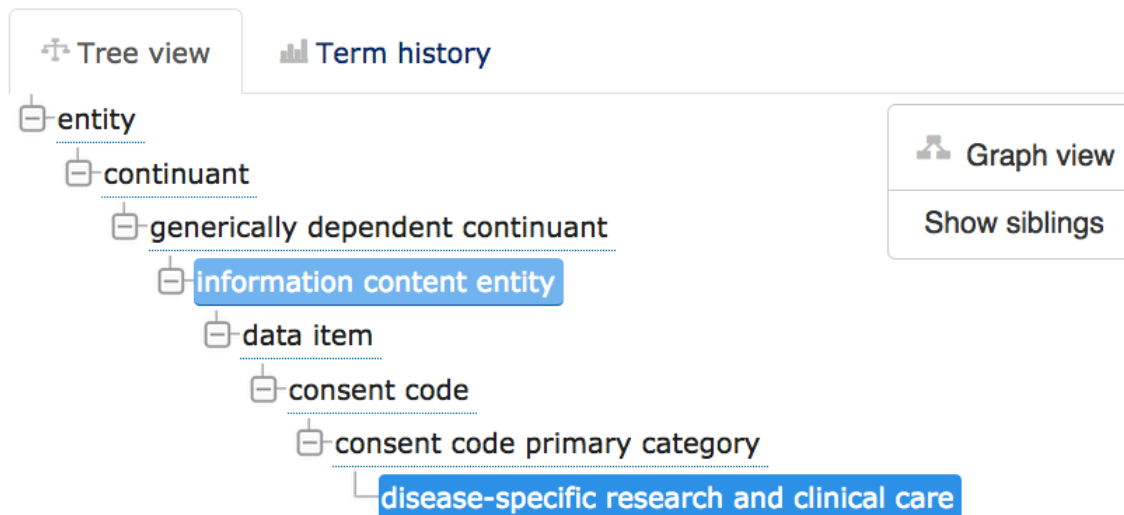
Term relations

Subclass of:

- data item

Mapping Consent Codes

http://purl.obolibrary.org/obo/DUO_0000007



Term info

definition

This primary category consent code indicates that use is allowed provided it is related to the specified disease.

id

DUO:0000007

Term relations

Subclass of:

- consent code primary category
- is restricted to* some disease

Mapping Consent Codes

[Term]

id: **DUO:0000007**

name: disease-specific research and clinical care

def: "This primary category consent code indicates that use is allowed provided it is related to the specified disease." []

is_a: DUO:0000002 ! consent code primary category

relationship: **IAO:0000136 DOID:4 ! is restricted to disease**

property_value: IAO:0000118 "**DS-[XX] (CC)**" xsd:string

[Term]

id: **DOID:4**

name: disease

def: "A disease is a disposition (i) to undergo pathological processes that (ii) exists in an organism because of one or more disorders in that organism. [url:http://ontology.buffalo.edu/medo/Disease_and_Diagnosis.pdf]" []

is_a: BFO:0000016 ! disposition

Mapping to EGA Datasets

Primary Category		Secondary Category		Example Dataset
DUO	Consent Code	DUO	Modifier	
0000011	POA			EGAD00001001373
0000004	NRES			EGAD00001000776
0000007	DS-[XX](CC)	0000012	HP:0000729	EGAD00001000231
0000007	DS-[XX](CC)	0000016;0000012	GSO;HP:0001513	EGAD00001000151
0000006	HMB(CC)			EGAD00001000300
0000007	DS-[XX](CC)	0000012	EFO:0001645	EGAD00001000178
0000007	DS-[XX](CC)	0000012	DOID:526	EGAD00001000047
0000006	HMB(CC)	0000012	TIME:DURATION:12	EGAD00001000068

Mapping to EGA Datasets

Primary Category		Secondary Category		Example Dataset
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0000011	POA			EGAD00001001373
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0000007	DS-[XX](CC)	0000012	HP:0000729	EGAD00001000231
0000007	DS-[XX](CC)	0000016;0000012	GSO;HP:0001513	EGAD00001000151
0000006	HMB(CC)			EGAD00001000300
0000007	DS-[XX](CC)	0000012	EFO:0001645	EGAD00001000178
0000007	DS-[XX](CC)	0000012	DOID:526	EGAD00001000047
0000006	HMB(CC)	0000012	TIME:DURATION:12	EGAD00001000068

Mapping to EGA Datasets

Dataset ID	Technology	Samples
EGAD00000000001	Affymetrix 500K	1504

Who controls access to this dataset

For each dataset that requires controlled access, there is a corresponding Data Access Committee (DAC) who determine access permissions. Access to actual data files is not managed by the EGA. If you need to request access to this data set, please contact:



Wellcome Trust Case Control Consortium Data Access Committee

Contact person: DAC contact

Email: [datasharing \[at\] sanger \[dot\] ac \[dot\] uk](mailto:datasharing@sanger.ac.uk)

More details: [EGAC00000000001](#)

Downloads

You don't have access to the download section.

Terms of use

See the full list of consent codes [here](#).

Collaboration required

Requestor must agree to collaboration with the primary study investigator(s).

HMB(CC) RUO NMDS COL-~~XX~~ IS

Conclusions

- Ontologies required to enforce some secondary codes
 - Disease definitions
- ADA-M allows more use-cases
 - ADA-M to utilise / extend proposed CC ontology
 - <https://genomicsandhealth.org/work-products-demonstration-projects/automatable-discovery-and-access-matrix>
- Sanger Institute DAC supportive of the use of consent codes
 - Developing list of datasets which could allow single application via consent codes

Conclusions

- Collaborating on creating / extending an ontology for consent codes
 - Simplicity
 - Enhance data –discoverability
 - Streamline data-access
 - Help to unify terminology between Data Access Agreements
- Relates to the proposed GA4GH library card

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